

Date: Fri, 3 Jun 94 04:30:36 PDT  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V94 #144  
To: Ham-Space

Ham-Space Digest                      Fri, 3 Jun 94                      Volume 94 : Issue 144

Today's Topics:

LUSAT-1 (LO-19): Actual status  
    Need NORAD elements !!!  
    OSCAR ANTENNAS  
    Oscar antennas? (2 msgs)

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>  
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 2 Jun 94 21:09:28 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: LUSAT-1 (LO-19): Actual status  
To: ham-space@ucsd.edu

Official LUSAT-1 Status Report

On june 1st 1994, during the 22739th orbit, the CW beacon was turned ON=  
. This  
operation was done by the control station (Norberto Pennini, LU8DYF) an=  
d the  
station encharged of the CW beacon (Rub=82n Ferreiro, LU6DYD).

Norberto (LU8DYF), turned OFF the "B" transmitter (437.125 MHz) and tur=  
ned ON  
the "A" transmitter (437.150 MHz). While this procedure took place, Rub=  
=82n  
captured some telemetry. When Norberto swapped the transmitters, Rub=82=  
n started

to send the PN sequence, encharged to turn ON the CW beacon. After more=  
than 9  
months, the CW beacon was started again.

On june 2nd 1994, during the 22754th orbit, the CW beacon was turned OF=  
F. This  
operation was done by Norberto and Rub=82n.  
Rub=82n turned OFF the CW beacon and Norberto swapped again the two tra=  
nsmitters.  
Once again, the CW beacon is OFF and the "B" Raised Cosine PSK transmit=  
ter  
(437.125 MHz) is ON.

We encourage those stations that have telemetry reports for this period=  
to send  
them to us for analisys purposes.

Overseas stations: If you capture any LUSAT-1 telemetry and send it in =  
raw-mode  
to the satellite control station, you'll receive a certificate for your  
collaboration. These telemetry reports can be sent either via packet ra=  
dio to  
LU8DYF@LU8DYF.BA.ARG.SOAM and LU8DYF@ANY-ACTIVE-SATELLITE, or via Inter=  
net to:  
lu8dyf@asarin.org.ar

If you intend to use the satellite, please remember that the BBS is NOT=  
LOADED  
and it will NOT be operational for the next 2 weeks (approx.).

The LUSAT-1 recovery team want to thanks all the stations that sent LUS=  
AT-1  
telemetry data in RAW format.

The overseas stations that are going to receive the Special Award are:

- 1) Mr. Norimasa Okamoto (JN2LHU) from Gamagori city, Japan.
- 2) Mr. Bent Bagger (OZ6BL+OZ7SAT) from Denmark.

73's de Eduardo Sweet, LU7AKC (LUSAT-1 recovery team)

packet: lu7akc@lu7akc.#col.cf.arg.soam  
e-mail: lu7akc@asarin.org.ar

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Date: 3 Jun 94 21:32:41 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Need NORAD elements !!!  
To: ham-space@ucsd.edu

Hi!

I need the latest NORAD Keplerian elements and I don't know where I can get them. If you know where, please forward me that information. Also, if you have an "almost-new" NORAD set, please send it to me.

Thankyou in advance & 73's de Eduardo Sweet Biro (LUSAT-1 recovery team)

E-Mail: lu7akc@asarin.org.ar  
Packet: lu7akc@lu7akc.#col.cf.arg.soam

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Date: 2 Jun 94 13:09:43 -500  
From: butch!rapnet.sanders.lockheed.com!rapnet.sanders.lockheed.com!  
ledlow@uunet.uu.net  
Subject: OSCAR ANTENNAS  
To: ham-space@ucsd.edu

To follow up what I said yesterday about M<sup>2</sup> antennas and my problem with SWR on my new Mode B setup:

> ... Also, I have an SWR problem, which I \*THINK\* is  
> related to some inherited Belden 9913 and not the antennas...

It was, in fact, the cable. I replaced the feeds with brand new 9913 equivalent, and the SWR problem went away. Well, I did have to tweak the position of the shorting blocks on the 2m array for best SWR, but that was my assembly error, not the antenna.

> 73 de Larry/NA5E AMSAT #10356

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Date: 2 Jun 94 13:19:57 -500  
From: butch!rapnet.sanders.lockheed.com!rapnet.sanders.lockheed.com!  
ledlow@uunet.uu.net  
Subject: Oscar antennas?  
To: ham-space@ucsd.edu

In article <2sirer\$gpv@pipeline.com>,  
blaknite@pipeline.com (Noah Lehmann-Haupt) writes:  
> I was thinking about getting Cushcrafts AOP bundle oscar  
> antennas. It seems like a good deal at \$250. Can anyone give

> me some ideas about this? Thanks...

Just my opinion...save your money and buy a better quality antenna like KLM or M^2. I can almost guarantee you won't be happy with the Cushcraft and end up buying something else anyway. The satellite antennas are not their best product by any means, and besides so-so performance, they may blow apart in the first good wind storm.

73 de Larry/NA5E  
> blaknite@pipeline.co

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Date: Thu, 2 Jun 1994 14:53:10 GMT  
From: ihnp4.ucsd.edu!swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu  
Subject: Oscar antennas?  
To: ham-space@ucsd.edu

In article <2sirer\$gpv@pipeline.com> blaknite@pipeline.com (Noah Lehmann-Haupt) writes:

>I was thinking about getting Cushcrafts AOP bundle oscar  
>antennas. It seems like a good deal at \$250. Can anyone give  
>me some ideas about this? Thanks...

I started out with this setup, and I don't recomend it. The two antennas don't point to the same boresight (patterns aren't symmetric with the booms), and SWR rises significantly when they are wet, even from heavy dew. I made a bunch of contacts using this setup, but switching to KLM antennas made a world of difference. I'm using the 22C and 40CX now, and am much happier.

Gary

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Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary  
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary  
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary  
Lawrenceville, GA 30244 | |

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End of Ham-Space Digest V94 #144  
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